

## EAST Search History

S12 8	590	((pulse adj4 burst) and coherent and ( (irregular or innormal or regular or normal) interval))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/26 13:10
S12 9	31	((pulse adj4 burst) and coherent and ( (irregular or innormal or regular or normal) adj4 interval))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/26 13:03
S13 0	1	("2005/0179585").URPN.	USPAT	OR	OFF	2006/12/26 13:05
S13 1	5	("4098117"   "4232548"   "4452090"   "4468971"   "4633719").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 13:06
S13 2	1629	((pulse adj4 burst) and velocity )	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/26 13:10
S13 3	298	((pulse adj4 burst) and velocity and radar)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/26 13:11
S13 4	32	((((pulse adj4 burst) with interval) and velocity and radar )	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/26 13:34
S13 5	6	("3094695"   "3631488"   "3755813"   "3781883"   "3787848").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 13:15
S13 6	0	((((pulse adj4 burst) with ( coherent with incoherent)) and velocity and radar )	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/26 13:35
S13 7	0	((((pulse adj4 burst) with ( coherent with incoherent)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/26 13:35
S13 8	3	((((pulse adj4 burst) same ( coherent with incoherent)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/26 13:35
S13 9	1	("3860924").PN.	USPAT; USOCR	OR	OFF	2006/12/26 15:33
S14 0	1	("4114153").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/08 17:44
S14 1	1	("4809002").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/08 17:47
S14 2	1	("3860924").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/08 17:48
S14 3	62	extract\$3 with (rad\$3 adj3 velocity)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 18:02

## EAST Search History

S14 4	8	"541906"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 18:04
S14 5	0	finch-derek.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 18:04
S14 6	1470	finch-\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 18:04
S14 7	15	finch-de\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 18:05
S14 8	7	deakin-an\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 18:06
S14 9	833	"BAE".as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 18:06
S15 0	66	"BAE".as. and burst	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 18:06
S15 1	14	"BAE".as. and burst and velocity	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 18:08
S15 2	0	(cohenrent with pulse with burst)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:22
S15 3	129	(coherent with pulse with burst)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 18:09
S15 4	4	("5398216"   "5437281"   "5443071"   "5474073").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/08 19:03
S15 5	5	("3720941"   "3987442"   "4249179"   "4290066"   "4586044").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/08 19:20
S15 6	14	("3916408"   "3921171"   "3947847"   "3971021"   "4117484"   "4359736"   "4513383"   "4544926"   "5237328"   "5260707"   "5323103"   "5359329"   "5365234"   "5539407").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/08 19:50
S15 7	14	("4040055"   "4093949"   "4137533"   "4249179"   "4394658"   "4626856"   "4635060"   "4698634"   "4891649"   "5559518"   "5732111"   "5818383"   "6037892"   "6081228").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/08 19:58

## EAST Search History

S15 8	0	(coherent with pulse with burst) same interval same sample	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:23
S15 9	0	(coherent with pulse with burst) and interval and sample	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:25
S16 0	0	(coherent with burst) and interval and sample	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:25
S16 1	0	(coherent same burst) and interval and sample	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:25
S16 2	2637	interval same sample same velocity	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:25
S16 3	60	(interval same sample same velocity) same ((echo or reflect\$3) adj signal)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:29
S16 4	3	("4391148"   "4671294"   "4697594").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/09 09:28
S16 5	24	(interval same sample same velocity) same (pulse with burst)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:33
S16 6	11	(interval same sample same velocity) same (match\$3 with sample)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:42
S16 7	968	(interval same sample ) same (match\$3 with sample)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:42
S16 8	1	(interval same sample ) same (match\$3 with sample) same coherent same burst	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:43
S16 9	41961	"FFT" or "DFT" or (fast adj fourier adj transform)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:43
S17 0	129	(coherent with pulse with burst)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:44
S17 1	40	S169 and S170	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:45
S17 2	24	S169 and S170 and match\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:44

## EAST Search History

S17 3	17	("4363242"   "4818101"   "4843564"   "4973969"   "5164784"   "5237516"   "5272446"   "5272513"   "5289391"   "5291081"   "5453834"   "5689474"   "5986600"   "6009380"   "6215226"   "6411914"   "6563861").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/09 09:51
S17 4	57287	(velocity with (target or object or obstacle or mobile ))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:51
S17 5	4	S170 same S174	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:51
S17 6	5	("3720941"   "3987442"   "4249179"   "4290066"   "4586044").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/09 10:08
S17 7	1	("4972194").PN.	USPAT; USOCR	OR	OFF	2007/08/09 10:15
S17 8	37929	(least adj square)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 10:15
S18 0	2	S170 and S178	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 10:16
S18 1	831	(velocity or speed) with clutter	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 10:16
S18 2	64	S181 and S178	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 10:16
S18 3	50	S181 and S178 and sample	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 10:31
S18 4	64	342/163.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 11:08
S18 5	1614	342/159-164.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 11:36
S18 6	608	342/159-164.ccls. and (velocity with (target or clutter or object or platform))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 11:36
S18 7	536	342/159-164.ccls. and (velocity with (target or clutter or object or platform)) and (echo or reflect\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 11:37

## EAST Search History

S18 8	181	342/159-164.ccls. and (velocity with (target or clutter or object or platform)) and (echo or reflect\$3) and match\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 11:37
S18 9	16	("3668702"   "3710387"   "3819920"   "3938145"   "4044356"   "4339754"   "4462032"   "4661816"   "4742353"   "4891649"   "4931800"   "4959656"   "5481504"   "5617099"   "6392588"   "H000205").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/09 11:40
S19 0	16	("3787851"   "3877011"   "4040057"   "4137533"   "4153899"   "4454511"   "4495501"   "4513288"   "4616228"   "4630052"   "4658255"   "4680589"   "4688044"   "4713664"   "4719466"   "4742353").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/09 11:48
S19 1	1	("4809002").PN.	USPAT; USOCR	OR	OFF	2007/08/09 15:22
S19 2	91	(fit\$4 adj curve) same (least adj square)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/09 15:47
S19 3	548	(fit\$4 adj curve) same (least adj square)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 15:48
S19 4	1614	342/159-164.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 15:47
S19 5	3	S193 and S194	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 15:47
S19 6	0	(fit\$4 adj curve) same (least adj square) same coherent	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 15:48
S19 7	2	(fit\$4 adj curve) same (least adj square) same burst	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 15:49
S19 8	89	(fit\$4 adj curve) same (least adj square) same sample	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 15:50
S19 9	19	(fit\$4 adj curve) same (least adj square) same velocity	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 15:51
S20 0	54	(fit\$4 adj curve) same (least adj square) same (echo or reflect\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 15:58

## EAST Search History

S20 1	0	(fit\$4 adj curve) same (least adj square) same clutter	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 15:58
S20 2	8	((fit\$4 adj curve) same (least adj square)) and clutter	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 15:59
S20 3	310	((fit\$4 adj curve) same (least adj square)) and phase	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 15:59
S20 4	18	((fit\$4 adj curve) same (least adj square)) and phase and quadrature	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:01
S20 5	323	((fit\$4 adj curve) same (least adj square)) and (velocity or speed)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:02
S20 6	121	((fit\$4 adj curve) same (least adj square)) and ((velocity or speed) with (target or object or platform or mov\$3 or clutter))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:28
S20 7	1	("4972194").PN.	USPAT; USOCR	OR	OFF	2007/08/09 16:50
S20 8	7	(non-equi-spac\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:51
S20 9	12750	(non-equi-spac\$3) or ("non" adj2 spac\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:53
S21 0	139	((non-equi-spac\$3) or ("non" adj2 spac\$3)) with interval	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:07
S21 1	1032780	echo or reflect\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:52
S21 2	5	S210 same S211	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:53
S21 3	1	S194 and S210	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:53
S21 4	138427	burst	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:53
S21 5	4	S210 same S214	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:53

## EAST Search History

S21 6	2	"541906".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:06
S21 7	139	((non-equi-spac\$3) or ("non" adj2 spac\$3)or onoequispac\$3) with interval	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:08
S21 8	139	((non-equi-spac\$3) or ("non" adj2 spac\$3)or nonequispac\$3) with interval	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:15
S21 9	12756	((non-equi-spac\$3) or ("non" adj2 spac\$3)or nonequispac\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:37
S22 0	460	S219 same S211	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:16
S22 1	196	S219 with S211	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:16
S22 2	20	((non-equi-spac\$3) or ("non" adj2 spac\$3)or nonequispac\$3) same "FFT"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:38
S22 3	389	((non-equi-spac\$3) or ("non" adj2 spac\$3)or nonequispac\$3) same interval	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:38
S22 4	48	((non-equi-spac\$3) or ("non" adj2 spac\$3)or nonequispac\$3) same interval same measur\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:41
S22 5	4756	(irregular adj interval)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:46
S22 6	120	S211 same S225	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:42
S22 7	3	S211 same S225 same burst	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:42
S22 8	39	S225 same burst	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:43
S22 9	270	S225 same pulse	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:44
S23 0	26	S225 same pulse same repetition	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:45

## EAST Search History

S23 1	0	(internal\$3 adj coherent) same (mutual adj incoherent) same burst	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:58
S23 2	1	(internal\$3 adj coherent) same (mutual\$3 adj incoherent) same burst	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:58
S23 3	1	(internal\$3 adj coherent) same (mutual\$3 adj incoherent)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:58
S23 4	1	(internal\$3 adj coherent) same ( incoherent)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:58
S23 5	3	(internal\$3 adj coherent) same ( incoherent or noncoherent or non-coherent)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:59
S23 6	3	(internal\$3 adj coherent) same ( incoherent or noncoherent or non-coherent or (external adj coherent))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 18:02
S23 7	1	(internal\$3 adj coherent) same bursts	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 18:00
S23 8	1	(internal\$3 adj coherent) same burst	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 18:00
S23 9	59	(internal\$3 adj coherent)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 18:00
S24 0	19581	( incoherent or noncoherent or non-coherent or (external adj coherent))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 18:02
S24 1	278	( incoherent or noncoherent or non-coherent or (external adj coherent)) same burst	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 18:07
S24 2	3	( incoherent or noncoherent or non-coherent or (external adj coherent)) same burst same internal	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 18:03
S24 3	95	( incoherent or noncoherent or non-coherent or (external adj coherent)) with burst	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 18:10
S24 4	11749	( incoherent or noncoherent or non-coherent or (external adj coherent)) with coherent	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 18:10
S24 5	221	(( incoherent or noncoherent or non-coherent or (external adj coherent)) with coherent) same velocity	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 18:23



## EAST Search History

S24 6	56	(( incoherent or noncoherent or non-coherent or (external adj coherent)) with coherent) with burst	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 18:23
----------	----	--	------------------------------	----	----	------------------